

ABSTRACT

A method of using point-to-point protocol (PPP) to transmit information from a device connected to an ethernet network, comprises the steps of identifying each packet having a PPPoE header and an encapsulated TCP packet, determining whether the SYN flag within the header of the TCP header is set, and if the SYN flag is set, modifying the value of the Maximum Segment Size in the TCP header to be no larger than 1452 bytes, and transmitting said packet to the destination address appearing in said IP header.

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